



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

October 27, 2005

OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
1940 DUKE STREET
ALEXANDRIA, VA 22314
US

Dear Sir/Madam,

Your refund request for 10516933 in the amount of \$400.00 has been denied .

Monies were refunded to credit card on 5/20/05.

Sincerely,

A handwritten signature in cursive script that reads "Rita White". The signature is written in black ink and is positioned to the right of the word "Sincerely,".

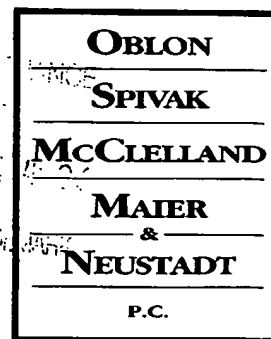
RITA WHITE
PCT - National
703 308-9140 x231

July 12, 2005

PATENT MAINT
DIVISION

2005 JUL 19

US PATENT & TRADE
OFFICE



ATTORNEYS AT LAW

KATHLEEN A. MORSBERGER
CONTROLLER
(703) 412-6494
KMORSBERGER@OBLON.COM

UNITED STATES PATENT AND TRADEMARK OFFICE
2051 Jamieson Avenue, Ste. 300
Alexandria, VA

Attn: Frank Lebron
Refund Department

Re: Deposit Account #150030

Dear Mr. Lebron:

Enclosed is a copy of a portion of our deposit account statement of May, 2005. See the highlighted charges on serial number 10/516,933 in the amount of \$400.00 on fee code #1642 and \$360.00 on fee code #1616.

When this application was filed on December 14, 2004, a credit card payment form for American Express in the amount of \$1,910.00 was included with that filing. The search fee in the amount of \$400.00 and the multiple dependent claim fee in the amount of \$360.00 were part of that payment. Therefore, there should not be a charge on our account for additional application fees.

Please review this application and kindly refund \$760.00 to deposit account #150030. Copies of the appropriate paperwork are attached. If you have any questions, please contact Debbie Noel at (703) 412-6296. Thank you for your assistance in this matter.

Sincerely,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Debra J. Noel
Accounting Department

Enclosures

MASTER



**United States
Patent and
Trademark Office**

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Online
Shopping
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Deposit Account Statement

Requested Statement Month: May 2005
Deposit Account Number: 150030
Name: NORMAN F. OBLON
Attention:
Address: 1940 DUKE STREET
City: ALEXANDRIA
State: VA
Zip: 22314
Country: UNITED STATES OF AMERICA

DATE	SEQ	POSTING REF TXT	ATTORNEY DOCKET NBR	FEE CODE	AMT	BAL
05/02	5	10281958	229950US3PMH	1201	\$800.00	\$12,838.71
05/02	34	PAYMENT		9203	-\$20,000.00	\$32,838.71
05/04	5	10218317	226904US2CON	1253	\$1,020.00	\$31,818.71
05/04	6	09930135	212768US6	1806	\$180.00	\$31,638.71
05/04	103	10240266	228690US0PCT	1251	\$120.00	\$31,518.71
05/04	166	09779834	195128US20	2253	\$510.00	\$31,008.71
05/05	1	10653098	242221US2RD	1201	\$400.00	\$30,608.71
05/05	329	60579242	254038US/KQU	8007	\$20.00	\$30,588.71
05/05	352	10168543	224810US6PCT	1504	\$300.00	\$30,288.71
05/06	2	09874057	209396US2X	1251	\$120.00	\$30,168.71
05/06	2	10792210	248549US2S DIV	1806	\$180.00	\$29,988.71
05/06	3	10792210	248549US2S DIV	1806	\$180.00	\$29,808.71
05/06	5	10415108	255949US2D	1806	\$180.00	\$29,628.71
05/06	6	10532110	271083US96PCT	1631	\$300.00	\$29,328.71
05/06	7	10532110	271083US96PCT	1633	\$200.00	\$29,128.71
05/06	8	10532110	271083US96PCT	1643	\$100.00	\$29,028.71
05/06	9	10532110	271083US96PCT	1681	\$250.00	\$28,778.71
05/06	10	10532110	271083US96PCT	1615	\$9,400.00	\$19,378.71
05/06	10	10471663	255949US2D	1806	\$180.00	\$19,198.71
05/06	11	10532110	271083US96PCT	1453	\$1,500.00	\$17,698.71
05/06	95	60583371	255236US/KQU	8007	\$20.00	\$17,678.71
05/06	97	60606147	258305US/KQU	8007	\$40.00	\$17,638.71
05/10	1	10442960	238012US2	1806	\$180.00	\$17,458.71
05/10	1	10092920	220113USO	1253	\$570.00	\$16,888.71
05/10	174	10526616	270702US-6SEC	1011	\$300.00	\$16,588.71
05/10	175	10526616	270702US-6SEC	1111	\$500.00	\$16,088.71
05/10	176	10526616	270702US-6SEC	1311	\$200.00	\$15,888.71

05/17 351	0111430843	265751CN/TEP/FF	8014	\$25.00	\$30,864.71
05/18 1	10500891	255062US0PCT	1614	-\$86.00	\$30,950.71
05/18 6	10875382	255118US0	1806	\$180.00	\$30,770.71
05/18 7	10948288	259545US0	1806	\$180.00	\$30,590.71
05/18 8	10176547	224477UUS0C0	8001	-\$30.00	\$30,620.71
05/18 12	10524145	264624US0XPCT	1615	-\$100.00	\$30,720.71
05/18 206	11129443	272575US25CONT	1111	\$500.00	\$30,220.71
05/18 207	11129443	272575US25CONT	1311	\$200.00	\$30,020.71
05/18 366	60589563	256011US/KQU	8007	\$20.00	\$30,000.71
05/18 390	29218540	2752376EU 2591784	8007	\$20.00	\$29,980.71
05/18 429	60642107	264516US/KQU	8007	\$20.00	\$29,960.71
05/18 468	60610957	258964US/KQU	8007	\$20.00	\$29,940.71
05/19 1	09935584	213280US2	1202	\$500.00	\$29,440.71
05/19 6	11110727	271194US2CRL	1202	\$1,300.00	\$28,140.71
05/19 7	09810186	204934US0X	1201	\$400.00	\$27,740.71
05/19 8	09810186	204934US0X	1202	\$350.00	\$27,390.71
05/19 37	11092911	268870US26	1202	\$100.00	\$27,290.71
05/19 40	10502052	255861US0PCT	1615	-\$100.00	\$27,390.71
05/19 41	10502052	255861US0PCT	1615	\$36.00	\$27,354.71
05/19 85	09813751	A1824020-252533	1452	\$390.00	\$26,964.71
05/19 341	0158500848	254429US/KQU	8014	\$25.00	\$26,939.71
05/20 1	10182723	226005US0PCT	1401	\$500.00	\$26,439.71
05/20 1	10612146	239799US2	1201	\$400.00	\$26,039.71
05/20 3	10516935	262883US0XPCT	1642	\$400.00	\$25,639.71
05/20 6	10516934	259783US6PCT	1642	\$400.00	\$25,239.71
05/20 17	10523809	265519US2PCT	1615	\$1,400.00	\$23,839.71
05/20 23	10516933	263117US90PCT	1642	\$400.00	\$23,439.71
05/20 24	10516933	263117US90PCT	1616	\$360.00	\$23,079.71
05/20 34	10498214	254412US0PCT	1615	-\$324.00	\$23,403.71
05/20 41	10612926	239954US2	1806	-\$180.00	\$23,583.71
05/20 251	10885641	250334US/KQU	8007	\$40.00	\$23,543.71
05/23 1	10608028	239523US2	1806	\$180.00	\$23,363.71
05/23 16	10936535	258433US0CONT	1202	\$54.00	\$23,309.71
05/23 135	60662360	268256US/KQU	8007	\$20.00	\$23,289.71
05/23 147	10874371	255032US/KQU	8007	\$80.00	\$23,209.71
05/23 302	10287500	230289US90	8001	\$30.00	\$23,179.71
05/24 3	09457669	5244-0117-2X	1806	\$180.00	\$22,999.71
05/24 4	10933335	258378US2	1202	-\$50.00	\$23,049.71
05/24 5	10921992	257463US90CONT	1806	-\$180.00	\$23,229.71
05/24 12	10759029	246415	9204	-\$130.00	\$23,359.71
05/24 56	11100603	262317US	1203	\$360.00	\$22,999.71
05/24 63	10334831	232563US0XCO	1251	\$120.00	\$22,879.71
05/25 3	10247330	221595US0	1806	\$180.00	\$22,699.71
05/25 4	10247330	221595US0	1806	\$180.00	\$22,519.71
05/25 24	10722555	246061US0CONT	1253	-\$590.00	\$23,109.71
05/25 26	10722555	246061US0CONT	1253	\$80.00	\$23,029.71
05/25 35	10230150	224444US6YA	1201	-\$400.00	\$23,429.71
05/25 37	10307318	231333US3	1253	-\$1,020.00	\$24,449.71

Due Date December 18,
2004

OSMM&N File No. 263117US90PCT

By MM/lpp/FF

Serial No. New U.S. PCT Application based on PCT/JP03/07638

In the matter of the Application of Hideaki MANAKA

For UNIT-TYPE HEAT EXCHANGER

The following has been received in the U.S. Patent Office on the date stamped hereon:

- ☐ Combined Declaration, Petition & Power of Attorney (2 pages)
- ☐ Application Data Sheet
- ☐ Notice of Priority (2)
- ☐ Dep. Acct. Order Form
- ☐ Credit Card Payment Form for \$1,910.00
- ☐ PCT Transmittal Letter
- ☐ PCT/IB/304 ☐ PCT/IB/308
- ☐ International Preliminary Examination Report
- ☐ Information Disclosure Statement ☐ PTO-1449
- ☐ Cited References (4)
- ☐ International Search Report

SERIAL NO. 10/516933

DATE RECEIVED Rec'd PCT/PTO 14 DEC 2004

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

263117US90PCT

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.
PCT/JP03/07638INTERNATIONAL FILING DATE
17 June 2003PRIORITY DATE CLAIMED
18 June 2002 (earliest)

TITLE OF INVENTION

UNIT-TYPE HEAT EXCHANGER

APPLICANT(S) FOR DO/EO/US

Hideaki MANAKA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☐ Express Mail Label No.
23. ☒ Other items or information:

Application Data Sheet/Notice of Priority (2)/PCT/IB/304/PCT/IB/308/PTO-1449/Cited References (4)

U.S. APPLICATION NO (if known, see 37 CF.)	INTERNATIONAL APPLICATION NO. PCT/JP03/07638	ATTORNEY'S DOCKET NUMBER 263117US90PCT
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24. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :

☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO **\$1110.00**

☒ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO **\$950.00**

☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO **\$790.00**

☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) **\$750.00**

☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) **\$100.00**

ENTER APPROPRIATE BASIC FEE AMOUNT =

Surcharge of **\$130.00** for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	31 - 20 =	11	x \$50.00	\$550.00
Independent claims	1 - 3 =	0	x \$200.00	\$0.00
Multiple Dependent Claims (check if applicable). <input checked="" type="checkbox"/>				\$360.00
TOTAL OF ABOVE CALCULATIONS =				\$1,910.00
<input type="checkbox"/> Applicant claims small entity status. Sec 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$0.00
SUBTOTAL =				\$1,910.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$0.00
TOTAL NATIONAL FEE =				\$1,910.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/>				\$0.00
TOTAL FEES ENCLOSED =				\$1,910.00
				Amount to be: refunded \$
				charged \$

CALCULATIONS PTO USE ONLY

a. ☐ A check in the amount of _____ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0030

d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NUMBER
22850

SIGNATURE _____

Masayasu Mori

NAME _____

47,301

REGISTRATION NUMBER _____

DATE _____

United States Patent & Trademark Office
Credit Card Payment Form

Credit Card Information	
Credit Card Type: <input checked="" type="checkbox"/> American Express	
Credit Card Account #: [REDACTED]	
Credit Card Expiration Date: December 31, 2005	
Name as it Appears on Credit Card: Prue, LaYonda P.	
Payment Amount: \$(US Dollars): 1,910.00	
Signature:	Date: December 14, 2004
Credit Card Billing Address	
Street Address 1: Oblon, Spivak, McClelland, Maier & Neustadt, P.C.	
Street Address 2: 1940 Duke Street	
City: Alexandria	
State: Virginia	Zip/Postal Code: 22314
Country: U.S.A.	
Daytime Phone #: (703) 413-3000 Accounting Dept.	Fax #: (703) 413-2220
Request and Payment Information	
Description of Request and Payment Information: New U.S. PCT Application	
Application No.:	
Patent/Registration No.:	
Docket No.: 263117US	

If the cardholder includes a credit card number on any form or document other than the Credit Card Payment Form, the United States Patent & Trademark Office will not be liable in the event that the credit card number becomes public knowledge.

Form #: 25444